Index of Claims

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09/870,965

Examiner

Nitin C. Patel

Applicant(s)/Patent under Reexamination

LACOMBE ET AL.

Art Unit

2116

Rejected Allowed

(Through numeral) Cancelled

N Restricted

ı Interference

Non-Elected

**Appeal** Α o Objected

| Clai          | Claim Date |          |          |         |         |         | Cla     | aim            | Date   |          |          |          |          |                 | CI       | aim     | Date                |              |        |        |          |            |              |                     |        |          |          |          |        |        |
|---------------|------------|----------|----------|---------|---------|---------|---------|----------------|--|----------|----------|----------|----------|-----------------|----------|---------|---------------------|--------------|--------|--------|----------|------------|--------------|---------------------|--------|----------|----------|----------|--------|--------|
| Final         | Original   | 10/17/05 |          |         |         |         |         |                |  |          | Final    | Original |          |                 |          |         |                     |              |        |        | Final    | Original   |              |                     |        |          |          |          |        |        |
|               |            |          |          |         | _       |         | ╽.      | L              | _  |          | Œ.       |          |          |                 |          |         | Ц                   | $\downarrow$ |        | -      | Œ        |            |              | _                   | 1      | 1        | 1        |          | 1      |        |
| $\frac{1}{2}$ | 1          | =        |          | +       | +       | +-      | +-      | ┿              | ┝  |          |          | 51       |          | $\vdash$        |          | +       | $\vdash \vdash$     | +            | +      | -      |          | 101<br>102 | $\dashv$     |                     | +      | +        | +        | +        | +      | +      |
| 2             | 2          | =        |          | +       | ┿       | +       | +-      | +-             | ┝  |          |          | 52<br>53 | H        | -               |          | +       | $\vdash$            | +            | +      | -      |          |            |              |                     | +      | +        | +        | ┿        | +      | ╁      |
| 3             | 3          | =        | _        | +       | +-      | +       | +       | ╀              | ⊢  |          |          |          | -        | $\vdash$        |          | +       | $\vdash$            |              |        | -      |          | 103<br>104 | -            | -                   | ┿      | +        | ╬        | +        | +      | ┿      |
| 4             | 4          | =        |          | +       | +       | -       | +       | +-             | ┝  |          |          | 54       | $\vdash$ | $\vdash$        |          |         | $\vdash$            | +            |        | -      |          | 105        | $\vdash$     | -                   | +      | +        | +        | +        | +      | ┿      |
| 5             | 5          | 릐        |          | +       |         | +       | 4-      |                | ┢  |          |          | 55       |          | ⊢               | -        | ╨       | $\vdash$            | -            | +      | -      |          |            |              |                     | +      | +        | +        | +        | +-     | +      |
| 6             | 6          | 듸        | +        | +       | +       | +       | -       | +-             | <u> </u>                                     |          |          | 56       |          | -               | $\dashv$ | ╁       | $\vdash$            |              | +      | -      |          | 106        | -            | -                   | +-     | +        | +        |          | +      | ┿      |
| 7             | 7          | 릐        |          | -       | +       | +       | +       | +              | ├  |          |          | 57       | _        | $\vdash$        | +        | ╁       | $\vdash$            | +            |        | -      |          | 107        |              | _                   | +      | +        | +        | +        | ┿      | +-     |
| 8             | 8          | =        | _        |         | +       | +       | - -     | +              | ⊢  |          |          | 58       | <u> </u> | $\vdash \vdash$ | +        | -       |                     | +            | +      | -      |          | 108        | -            |                     | +      | -        | +        | +        | ┼      | +      |
| 9             | 9          | =        | +        | +       | +       | +       | ╁       |                | ├  |          |          | 59       |          | $\vdash$        | +        | —       | $\vdash \vdash$     |              | +      | -      |          | 109        | Н            | -                   |        | +        | +        | -        | +      | ╄      |
|               | 10         | =        | $\dashv$ | +       | +       | +       | -       | +              | -  |          |          | 60       | <u> </u> | $\vdash$        | -        | ╌       | $\vdash \vdash$     | +            |        | -      |          | 110        | -            | -                   | +      | +        |          |          | +-     | ╀      |
|               | 11         | =        | _        | +       |         | +       | +       | +              | $\vdash$                                     |          |          | 61       | -        | $\vdash$        | +        | +-      | $\vdash$            | +            | -      | -      | -        | 111        | $\vdash$     | +                   | +      | +        | $\dashv$ | +        | +      | +      |
|               | 12         | 릐        | $\dashv$ | +       | +       | +       | +       | <del>  -</del> | <del> </del>                                 |          |          | 62       | $\vdash$ | $\vdash$        | +        | +       | $\vdash \vdash$     | +            | +-     | 4      | ļ        | 112        |              | -                   | +      | +        | +        | +        | +      | +      |
|               | 13         | 릐        | _        | +       | +       | +       | +       | $\bot$         | <u> </u>                                     |          |          | 63       | <u> </u> | $\vdash$        | +        | +       | $\vdash \vdash$     | +            | +      | -      | <u> </u> | 113        | $\vdash$     |                     | +      | +        | -        | +        | +-     | +      |
|               | 14         | =        | $\perp$  | - -     | +       | +       | +       | +              | <u> </u>                                     |          | <u> </u> | 64       | $\vdash$ | $\vdash$        | -        | +       | $\dashv$            | +            | +      | -      |          | 114        | $\vdash$     | +                   | +      | +        | +        | +        | +      | +      |
|               | 15         | =        |          | +       | +-      | +       | _       | ╁┈             | <del> </del>                                 |          |          | 65       | _        | $\vdash$        |          | +       | $\vdash \vdash$     | $\dashv$     | +      | -      |          | 115        | Н            | $\dashv$            | +      | +        | +        | +        | +      | +      |
|               | 16         | =        | $\dashv$ | +       | +       | +       |         | +              | ⊢  |          |          | 66       | L        | ┵               |          | +       | $\vdash$            | +            | +      | -      |          | 116        | -            | +                   | +      | +        | +        | -        | +      | ╀      |
|               | 17         | 릐        | $\perp$  | +       | +       | +       | 4       | -              | -  |          |          | 67       | _        | $\vdash$        | -        |         | $\vdash$            |              | ┵      | 4      |          | 117        | -            | $\vdash$            | +      | +        | +        | +        | +-     | ╄      |
|               | 18         | =        | _        | +       | +       | +       | +       | 4              | ┞-   |          |          | 68       |          | $\vdash$        |          | ┿       | $\vdash$            |              | -      | 4      |          | 118        | -            |                     | +      | +        | -        |          | +-     | +      |
|               | 19         | =        | -        | +       | +       | -       | +       | -              | <u>                                     </u> |          |          | 69       |          | $\vdash$        | +        | +       | $\vdash$            |              | +      | -      | <u> </u> | 119        |              |                     |        | +        | +        |          | +      | +      |
| 20            | 20         | =        | _ _      | +       | +       | +       | -       | +-             | ļ  |          |          | 70       | L        | $\vdash$        |          | ┿       | $\vdash$            |              | +      | -      | ļ        | 120        |              | _                   |        | -        |          |          | +      | +      |
|               | 21         | =        | _        | 4-      | 4       | +       |         | _              | ┡  |          |          | 71       | -        | $\vdash \vdash$ | +        | -       | $\sqcup$            | _            | -      | 4      |          | 121        |              | _                   | +      | +        | +        |          | +-     | +      |
|               | 22         | =        |          | +       | +       | +       | —       | <del> </del>   | ┞  |          |          | 72       | _        | ⊢               |          | +       | $\vdash$            |              | -      | 4      | <u> </u> | 122        | -            |                     | +      | +        | +        | +        | +      | +      |
|               | 23         | =        | $\dashv$ | +       | $\perp$ | _       | -       | +-             | ┡  |          |          | 73       | _        | $\vdash$        | _        | +       | $\vdash$            | -            | +      | 4      |          | 123        |              | $\dashv$            | +      | -        | +        | +        | +      | +      |
|               | 24         | =        |          | _       | 4       | 4       | -       | _              |  |          |          | 74       | <u> </u> | $\vdash$        |          | 4       | $\vdash \vdash$     | _            | -      | 4      | <u> </u> | 124        |              | _                   | +      | 4        |          | _        | +-     | +      |
|               | 25         |          | $\perp$  | 4       | 4       | +       |         | _              | _  |          |          | 75       | <u> </u> | $\vdash$        | $\dashv$ |         | ⊢                   | 4            | -      | 4      | ļ        | 125        |              | $\perp$             | 4      | 4        | 4        | $\dashv$ | +      | +      |
|               | 26         | _        | $\perp$  | 4       | 4       | $\perp$ | _       | ╄.             | <u> </u>                                     |          |          | 76       | _        | $\sqcup$        | $\perp$  | $\bot$  | -                   |              | _      | 4      |          | 126        |              | -                   | 4      | 4        | +        | +        | +      | ╄      |
|               | 27         | _        |          | 4       | ┿       | 4       | $\perp$ | _              | <u> </u>                                     |          |          | 77       | _        | $\vdash \vdash$ |          | ┿       | $\vdash \vdash$     |              | +      | 4      |          | 127        |              |                     | +      |          | _        | +        | 4      | ╄      |
|               | 28         | _        | _        | 4       | 4       | 4       |         | _              | <u> </u>                                     |          |          | 78       | <u> </u> | $\sqcup$        |          | -       | $\sqcup$            | _            | _      | 4      |          | 128        |              | -                   | 4      |          | 4        | _        | 4      | +      |
|               | 29         |          | $\perp$  | $\bot$  | ┸       | 4       |         | 1              | ļ_   |          |          | 79       | _        |                 |          | 4       |                     | _            |        | _      | <u> </u> | 129        |              |                     | 4      | 4        | 4        | +        | +      | ┿      |
|               | 30         |          | $\perp$  | 4       | 4       | 4       |         | _              | ļ_   |          |          | 80       | _        | $\sqcup$        | _ _      |         | $\sqcup$            | -            | _      | 4      | ļ        | 130        |              | -                   | +      | 4        |          | -        | +      | ╄      |
|               | 31         |          | $\bot$   | 4       | ┸       | _ _     | 4       | $\bot$         | <u> </u>                                     | <b>.</b> |          | 81       | _        | $\sqcup$        |          | _       | $\sqcup$            | $\dashv$     | $\bot$ | 4      | ļ        | 131        | Щ            | $\vdash$            | 4      | $\dashv$ | 1        | +        | +      | +      |
|               | 32         |          |          | 4       | 4       | _       | _       | $\bot$         | <u> </u>                                     |          | <u> </u> | 82       | <u> </u> | $\vdash$        |          | +       | $\sqcup$            | -            | +      | 4      |          | 132        |              | $\vdash \vdash$     | 4      | 4        | 4        | +        | +      | 4      |
|               | 33         |          | $\perp$  | 4       | 4       | $\bot$  | $\perp$ | 4              | <b>L</b>                                     |          |          | 83       | <u> </u> |                 |          | 4_      | $\sqcup$            | +            | -      | - :::: | ļ        | 133        | Ш            | $\vdash$            | +      | 4        | 4        | +        | +      | +      |
|               | 34         |          | $\perp$  | 4       | ┸       |         | _       | $\perp$        | $\vdash$                                     |          | <u> </u> | 84       | <u> </u> | $\sqcup$        | $\perp$  | +-      | $\sqcup$            | +            | $\bot$ | 4      | <u> </u> | 134        | $\vdash$     | -                   | +      | +        | 4        | _        | +      | +      |
|               | 35         |          | $\perp$  | 4       | $\bot$  |         | 4       | $\bot$         | ╙  |          | <u> </u> | 85       | _        | $\sqcup$        | _        | 1       | $\sqcup$            | +            | +      | 4      | <u> </u> | 135        | $\vdash$     | $\vdash \vdash$     | +      | +        | +        | -        | +      | +      |
|               | 36         |          | $\perp$  | 4       | 1       |         | 4-      | ╀-             | $\vdash$                                     | <b> </b> | <u> </u> | 86       | L_       | $\sqcup$        | _        | _       | $\sqcup$            | $\perp$      | $\bot$ | 4      | ļ        | 136        | <u> </u>     | oxdot               | _      | +        | +        | $\bot$   | +      | +      |
|               | 37         |          | $\perp$  | 4       | $\perp$ | $\perp$ |         | 1_             | $oldsymbol{oldsymbol{\sqcup}}$               | 1        | L        | 87       |          | $\sqcup$        |          | _       | $\sqcup$            | +            | $\bot$ | 4      | <u> </u> | 137        | Щ            | oxdot               | 1      | +        | $\dashv$ | $\perp$  | +      | +      |
| $\sqcup \bot$ | 38         |          | $\perp$  | 4       | 1       | 4       | 4_      | +-             | ــــ   |          | <u> </u> | 88       | <u> </u> | $\sqcup$        | $\perp$  | 4       | $\sqcup$            | $\dashv$     | $\bot$ | 4      | <u> </u> | 138        | L            | $\vdash \downarrow$ | +      | +        | +        | -        | +      | +      |
| $\sqcup \bot$ | 39         |          | $\perp$  | 4       | 4       | $\perp$ | _       | _              | ╙  | l        | ļ        | 89       | 1        | $\sqcup$        | $\dashv$ | 4       | $\sqcup$            | +            | 4      | -      | ļ        | 139        | Щ            | ⊢-                  | +      | 4        | 4        | +        | +      | +      |
|               | 40         |          | $\bot$   | $\perp$ | 1       |         | 4       | $\bot$         | ↓_   | liiii    | ļ        | 90       | <u> </u> | Щ               | _        | 1       | Ц                   | $\perp$      |        | 4      | <u> </u> | 140        | Щ            | - -                 | +      | 4        | $\dashv$ | $\dashv$ | +      | +      |
|               | 41         |          | $\perp$  | 4       | 4       | 4       | 4-      | _              | <del> </del>                                 |          | <u> </u> | 91       |          | $\sqcup$        |          | $\perp$ | Н                   | 4            | -      | -      | <u> </u> | 141        | _            | $\vdash$            | +      | $\dashv$ | 4        | +        | +      | +      |
|               | 42         | _        |          | 4       | $\perp$ |         | _       | $\bot$         | _  |          | <u> </u> | 92       | <u> </u> | $\vdash$        | _        | $\bot$  | $\sqcup$            |              | +      | 4      |          | 142        | $\sqcup$     | $\vdash \vdash$     | 4      | +        | 4        | +        | +      | +      |
|               | 43         |          | $\perp$  | 4       | 4       | $\bot$  | 4       | $\bot$         | ┞  | <b> </b> | ļ        | 93       | <u> </u> | $\sqcup$        | _        | 4       | $\vdash \downarrow$ |              | $\bot$ | -      | <u> </u> | 143        | $\sqcup$     | $\vdash \vdash$     | +      | 4        | 4        | +        | +      | +      |
|               | 44         |          |          | $\perp$ | 1       | _       | $\bot$  | $\perp$        | ـــ  |          | L        | 94       | <u> </u> | $\sqcup$        | _        | +-      | $\sqcup$            | $\perp$      | $\bot$ | 4      | <u> </u> | 144        | <u> </u>     | $\vdash$            | 4      | +        | 4        | +        | +      | +      |
|               | 45         |          | $\perp$  | 丄       |         | 4       | $\bot$  | $\perp$        | <u> </u>                                     |          | <u> </u> | 95       | _        | $\sqcup$        |          | 4       | Ц                   | $\perp$      | $\bot$ | 4      | <u> </u> | 145        | $\vdash$     | -                   | 4      | $\perp$  | 4        | _        | +      | 4      |
|               | 46         | _        |          | 4       | $\perp$ | ┵       |         | 1              | <u> </u>                                     |          | <u> </u> | 96       | <u> </u> | $\sqcup$        | _        | $\bot$  | $\sqcup$            | 4            | +      | 4      | <u> </u> | 146        | <u> </u>     | $\vdash$            | +      | $\perp$  | 4        | _        | +      | ┿      |
|               | 47         |          | $\perp$  | 1       | $\perp$ | $\perp$ |         | <u> </u>       | <u> </u>                                     |          |          | 97       | Щ        | Ш               |          | _       | Н                   | 4            | 4      | 4      | <u> </u> | 147        | _            | $\vdash \vdash$     | $\bot$ | $\perp$  | 4        | 4        | +      | 4      |
|               | 48         | _        |          | ┸       | $\perp$ | $\perp$ | $\bot$  | $\bot$         | _  | liiii    |          | 98       | Ь        | Щ               | _        |         | $\sqcup$            | 4            | 4      | _      |          | 148        |              | $\vdash$            | 4      | $\bot$   | 4        | +        | $\bot$ | +      |
| $\perp \perp$ | 49         |          |          | 丄       | 丄       | 丄       |         | 1              | _  | l        | L        | 99       | L_       |                 |          |         | Щ                   | _            | $\bot$ | _      | <u> </u> | 149        | $oxed{oxed}$ | $\sqcup$            | $\bot$ | _        |          |          | 4      | $\bot$ |
| 1 [           | 50         | - 1      |          | 1       | - 1     | -1      |         | 1              | 1  | l        | ı        | 100      | I        | ı 1             |          | 1       | ıl                  | ı            | - 1    | 1::::: | l        | 150        | ı            |                     | - 1    | -        | - 1      |          | 1      | 1      |